

## **Daniel Tentori**

### **1. Research activity (max 1.000 words)**

I am a sedimentologist with a very solid background in petrography, field-based facies recognition, and sequence-stratigraphic interpretation. My current PhD research project at Sapienza, University of Rome focuses on the definition of sediment compositional and textural signatures of continental to shallow marine deposits of the Tevere and Po River systems and shallow to deep marine Miocene successions of the Manciano and Molise basins. The ultimate goal of my research is to relate compositional signatures with the sequence-stratigraphic framework of low- and high-frequency depositional sequences. The combined stratigraphic and petrographic approach is fundamental to discriminate how autogenic and allogenic factors control the depositional architecture of the studied successions and contribute to changes in sediment provenance and composition.

My graduate work at Cal State University Northridge was supported by a research assistantship where I worked on several projects funded by IODP to produce several publications: IODP Technical Notes 1, 2, and 3 (Marsaglia et al., 2013; 2015a; 2015b). I was acknowledged for my assistance for Part I (Atlas of siliciclastic and volcanogenic components) and was co-author on Technical Notes 2 (Atlas of biogenic components) and 3 (IODP core photo atlas).

My current research interests focuses on the analysis of continental to marine siliciclastic successions through a multidisciplinary approach which include field-based observation, core descriptions, micro-paleontological characterization and point-counting, REE and XRD analyses.

## 2. Research products

### a) Publications (ISI journals)

**Tentori, D.**, Marsaglia, K., Milli, S., 2016, Sand compositional changes as a support for sequence-stratigraphic interpretation: the middle upper Pleistocene to Holocene deposits of the Roman Basin (Rome, Italy). *Journal of Sedimentary Research*, v. 86, p. 1208-1227.

### b) Publications (NON ISI journals)

Milli, S., Girasoli, D. E., **Tentori, D.**, Tortora, P., 2017, Sedimentology and coastal dynamics of carbonate pocket beaches: the Ionian-Sea Apulia coast between Torre Colimena and Porto Cesareo (Southern Italy), *Journal of Mediterranean Earth Sciences*, v. 9, p. 29-66.

Marsaglia, K., Milliken, K., Leckie, R., M., **Tentori, D.**, Doran, L., 2015. IODP Smear Slide Digital Reference for Sediment Analysis of Marine Mud. Part 2: Methodology and Atlas of Biogenic Components. *IODP Technical Note 2*.  
<http://dx.doi.org/10.2204/iodp.tn.2.2015>

Marsaglia, K., Shapiro, S., Doran, L., and **Tentori, D.**, 2015. ODP Core Photo Atlas. *IODP Technical Note 3*. <http://dx.doi.org/10.2204/iodp.tn.3.2015>

### c) Abstracts

**Tentori, D.**, Marsaglia, K.M., Milli, S., 2014, Sand compositional changes as a key for sequence-stratigraphic interpretation: the Pleistocene Tiber River deltaic succession (Italy). April 28, 2014 Pacific Section AAPG, SPE and SEPM Joint Technical Conference Bakersfield, California, p. 77.

Marsaglia, K.M., **Tentori, D.**, Milliken, K., Leckie, R.M., Doran, L., 2014, IODP digital reference for smear slide analysis of marine mud part 2: methodology and atlas of biogenic components. Session no. 129, T188, Organic-Rich Mud Rocks: Geochemistry, Physical Properties, and Paleo-Environments (Posters) (GSA Coal Geology Division; Geochemical Society) GSA Annual Meeting 19-22 October, Vancouver, BC, Canada.

Marsaglia, K.M., Milliken, K., Doran, L., **Tentori, D.**, Leckie, R.M., 2013, New smear-slide reference tool for fine-grained sediment description. Geological Society of America (GSA) Annual Meeting & Exposition 27-30 October, Denver, Colorado,

USA, Session no. 40, Recent advances in clastic sediment research (Poster), GSA Abstract with Programs, v. 45, No. 7, p. 124.

**Tentori, D.**, 2013b, Sand compositional changes as a key for sequence-stratigraphic interpretation: the Pleistocene Tiber River deltaic succession (Italy). AAPG-SEG West Coast Student Expo, California State University, Northridge (CA), USA, 3-5 October, 2013, Internal Conference.

**Tentori, D.**, 2013a, Sand compositional changes as a key for sequence-stratigraphic interpretation: the Pleistocene Tiber River deltaic succession (Italy). 16<sup>th</sup> Annual AAPG Student Expo, Houston (TX), USA, 16-17 September 2013.